

What is claimed is:

1. The use of polyolefin waxes synthesized using metallocene catalysts as an additive in powdercoating materials.
- 5 2. The use as claimed in claim 1, wherein the polyolefin wax is derived from olefins having 3 to 6 carbon atoms or from styrene.
3. The use as claimed in claim 1 and/or 2, wherein the polyolefin wax
10 has a dropping point of from 70 to 165°C, a melt viscosity at 140°C of from 10 to 10 000 mPa·s and a density of from 0.85 to 0.98 g/cm³.
4. The use as claimed in one or more of claims 1 to 3, wherein the polyolefin waxes have been given a polar modification.
- 15 5. The use as claimed in one or more of claims 1 to 4, wherein the polyolefin waxes are present in a blend with one or more auxiliaries and additives selected from the group consisting of
 - a) polyethylene glycol
 - 20 b) PE waxes,
 - c) PTFE waxes,
 - d) PP waxes,
 - e) amide waxes,
 - f) FT paraffins,
 - 25 g) montan waxes,
 - h) natural waxes,
 - i) macrocrystalline and microcrystalline paraffins,
 - j) polar polyolefin waxes, or
 - k) sorbitan esters
 - 30 l) polyamides,
 - m) polyolefins,
 - n) PTFE,
 - o) wetting agents,
 - p) silicates
- 35 in a polyolefin wax: auxiliary and additive weight ratio of from 1:50 to 50:1 (in % by weight).

6. The use as claimed in one or more of claims 1 to 5, wherein polyolefin wax and where appropriate the admixed auxiliaries and additives are in the form of an ultrafine powder having a particle size distribution $d_{90} < 40 \mu\text{m}$.

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7. A process for preparing powdercoating materials from binders, pigments and fillers and also customary auxiliaries, which comprises adding an additive as set forth in one or more of claims 1 to 6.